

16K Static Memory Board (88-16MCS)

The 88-16MCS design is based upon a 4,096 x 1 bit static random access integrated circuit. These RAMs offer the advantage of low power consumption and extremely fast access time, and also eliminate the need for additional refresh logic common to dynamic memories.

Hardware

Dimensions: 10" x 5"

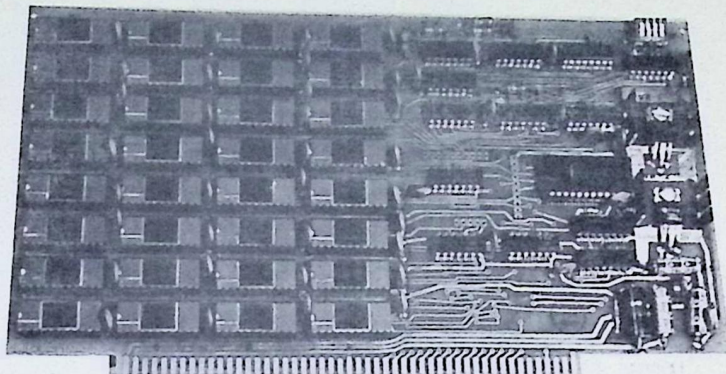
Altair Slots: One

Power: +5V (400 mA, Max.), +12V (200 mA, max.), -5V (100 mA).

Epoxy solder masks cover areas not to be soldered.

Sockets are provided for all RAM ICs.

A DIP Switch is used for board address selection.



Capabilities

Provides 16,384 8-bit words of Random Access Memory on one card.

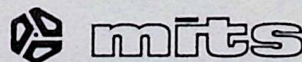
Access Time: 215 ns.

Cycle Time: 390 ns.

Operation

There are no wait states (due to fast access time).

Since only four 88-16MCS boards are required for the maximum amount of memory directly addressable by the computer, only the upper two address bits are required to select a particular board. The upper four address bits select a single 4K block on a particular 16K card. The remaining twelve address bits are buffered and inverted to select one location within a block.



2450 Alamo S.E. / Albuquerque, New Mexico 87106